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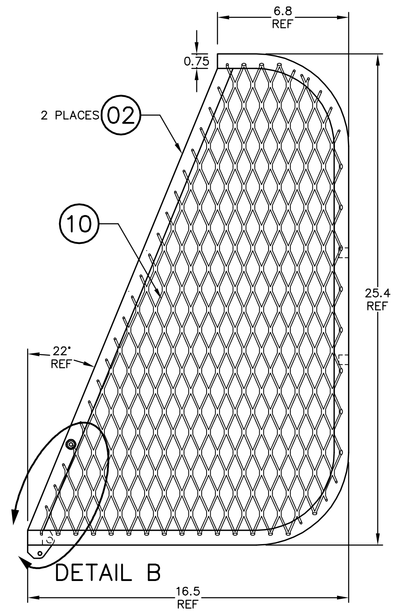
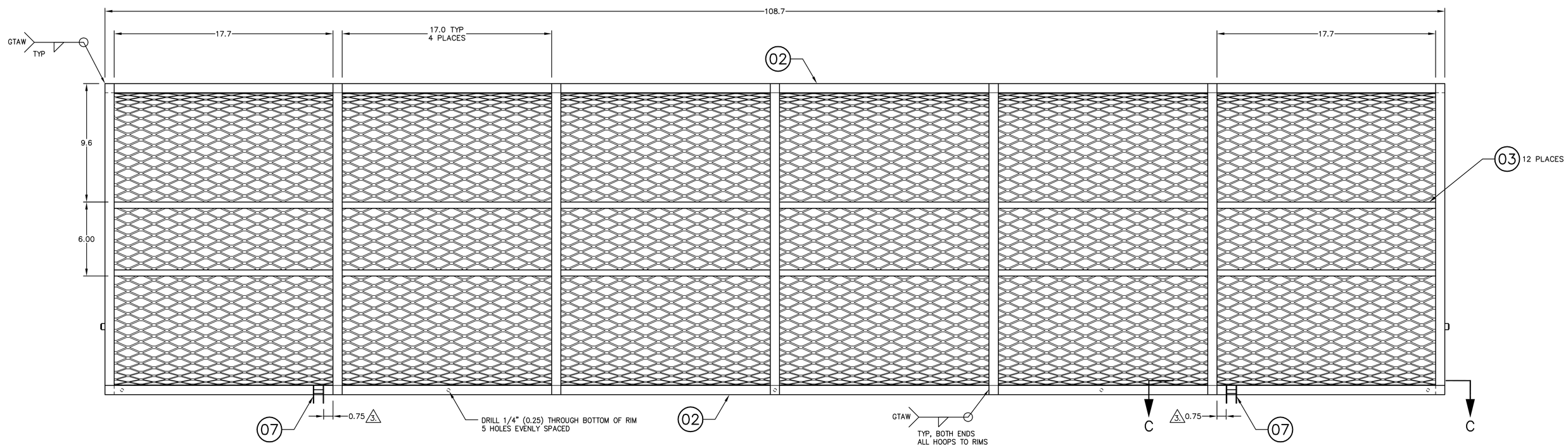
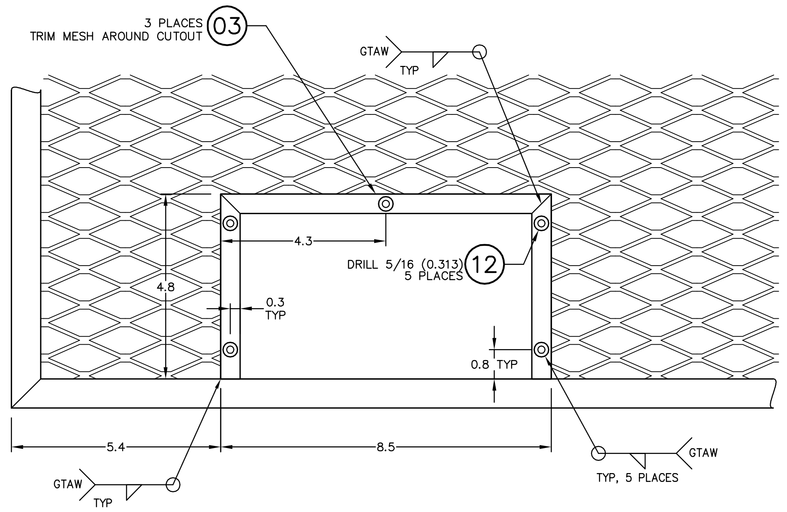
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		







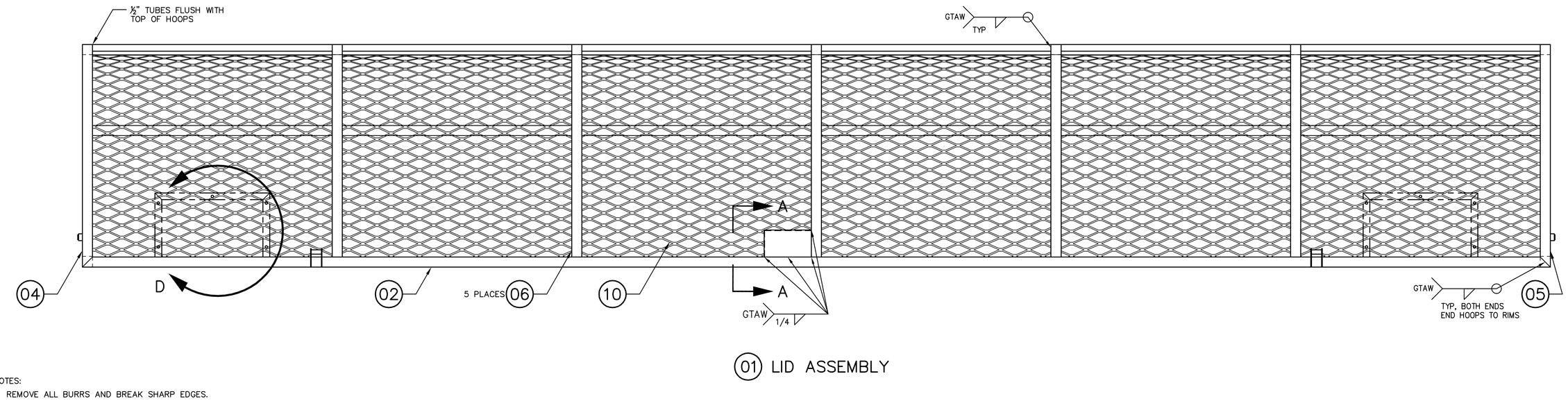
DETAIL D – STEP CUTOUT (ITEM 11)

SCALE 1:2

OPTIONAL, MAY BE INSTALLED ON EITHER OR BOTH ENDS

INSTALL AN3–3A BOLT AND NAS1149F0363 WASHER IN BUSHINGS WHEN COVER IS NOT INSTALLED

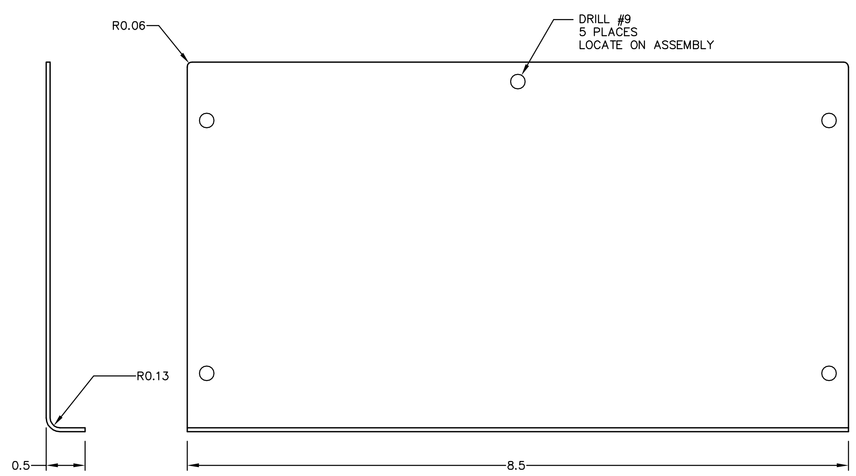
INSTALL COVER (ITEM 13) WITH AN3–3A BOLTS AND NAS1149F0363P WASHERS WHEN CUTOUT IS INSTALLED BUT NOT REQUIRED BY OPERATOR



01 LID ASSEMBLY

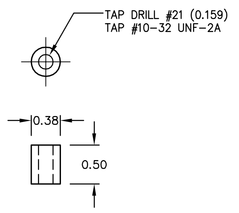
NOTES:

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.
   4130 AND 1018 STEEL: WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
   STAINLESS AND 4130 STEEL: WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
3. INSTALL ITEM 5 (LID HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING 84263, LOCATED AS SHOWN.
4. DRILL #30 (0.129) HOLES IN LONG TUBE MEMBERS AT HOOP LOCATIONS TO VENT WELD GASSES. WHEN ASSEMBLY IS COMPLETE, FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD.
5. FINISH: THOROUGHLY CLEAN AND POWDER COAT LID ASSEMBLY.
   THOROUGHLY DEGREASE, ALODINE, EPOXY PRIME AND POLYURETHANE PAINT COVER PLATE (ITEM 13).
   ALTERNATE: THOROUGHLY DEGREASE AND POWDER COAT COVER PLATE (ITEM 13).



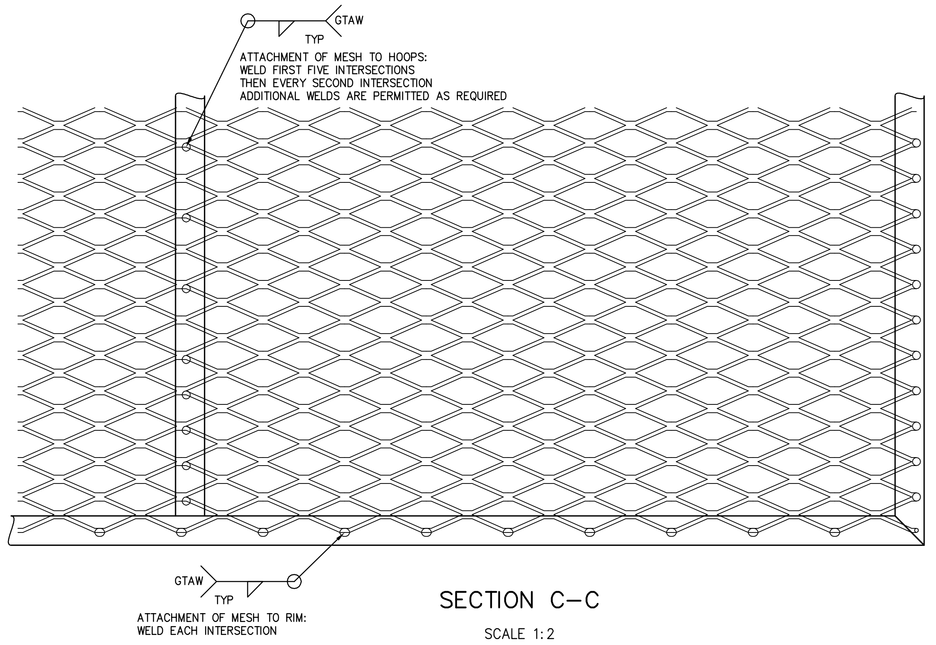
13 COVER PLATE

SCALE 1:1



12 THREADED BUSHING

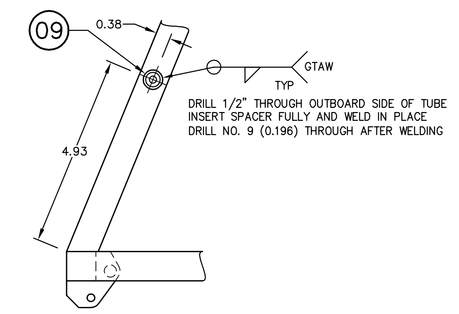
SCALE 1:1



SECTION C–C

SCALE 1:2

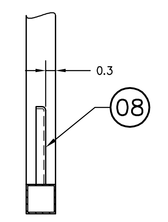
LOOKING AT INSIDE OF LID



DETAIL B

SCALE 1:2

TYPICAL, BOTH ENDS



SECTION A–A

SCALE 1:2

5		NAS1149F0363P		WASHER			
5		AN3–3A		BOLT			
1		100613–13	13	COVER PLATE	6061–T6 ALUMINUM	QQ–A–250/11	0.050 SHEET
5		70403–05	12	THREADED BUSHING	MILD STEEL	AISI 1010/1020	0.375 ROD
	A/R	100613–11	11	STEP CUTOUT (OPTIONAL)	MILD STEEL	COMMERCIAL	
	1	3/4–16F	10	MESH	MILD STEEL	COMMERCIAL	
	2	49216–01	09	BUSHING			
	1	36210–04	08	PLACARD BRACKET			
	1	84263–01	07	LID HANDLE PROVISIONS ASSEMBLY			
	5	100626–01	06	HOOP			
	1	100625–02	05	RH LID END HOOP			
	1	100625–01	04	LH LID END HOOP			
A/R	A/R	––	03	TUBE	4130 STEEL, COND. N	MIL–T–6736	0.5 X 0.035 SQR. TUBE
	A/R	––	02	TUBE	4130 STEEL, COND. N	MIL–T–6736	0.75 X 0.035 SQR. TUBE
		100613–01	01	BASKET LID ASSEMBLY (STANDARD)			
11	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	QTY	LIST OF MATERIALS					

APPROVALS		DATE
DRAWN:	JEFF CLARKE	26 NOV 2014
CHECKED:	JASON REKVE	27 NOV 2014

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS X.XXX ±0.010, X.XX ±0.03, X.X ±0.1
ANGLES ±1/2°

AERO DESIGN LTD.
9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.483.2376 www.aerodesign.ca

BELL 205, 212, 214, 412 SERIES
QUICK RELEASE MEGA CARGO BASKET
EXTENDED LID ASSEMBLY

SCALE	DWG. SIZE	DWG. NO.	REV.
1 : 4	A1	100613	0
SHEET 1 OF 1			